

# Recreation



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## Recreation

### An Introduction

Visiting fish ladders, navigation locks, visitor centers and the fish hatchery are important recreational activities here at Bonneville Dam. Other recreational activities occurring around Bonneville Dam include fishing, boating, swimming, windsurfing and picnicking. Our goal is to make each visit and recreational activity a safe one. The purpose of this subject area is to inform your students about the recreational opportunities at Bonneville Dam and help them be safety conscious.

The first section includes activities for the classroom before your visit. Next, there are activities that can be conducted at Bonneville Dam. Finally there are activities included to reinforce what has been learned.

### History Quickie

Fishing is and has been historically a major form of recreation on the Columbia River. The pioneers used to pull very large sturgeon out of the Columbia River with teams of horses. Now it is legal for sport or recreational anglers to take home only certain sized sturgeon. This is to protect the sturgeon so that future generations of people can also enjoy fishing sturgeon. Most sturgeon are ready to spawn only after growing to six or more feet in length.

### Important Concepts

The activities in this section will help the students understand the following concepts. Important vocabulary words are in bold print.

The word **recreation** means the act of refreshing one's self. **The Army Corps of Engineers** has responded to public demand and provided recreation sites at Bonneville Dam and the surrounding area. You can fish, water-ski, camp, hike, windsurf and sight-see at or near Bonneville Dam.

The visitor center was built to provide people with a **recreation opportunity** and to help the public understand what the Army Corps of Engineers does. The visitor center provides the public with **interpretive services**. **Interpretation** is a way of teaching or informing the **public** while making the learning fun. At the visitor center you can learn about the history of the **Columbia River Gorge**, about how electricity is produced, or about the fish in the river.

**Rangers** are the people who take care of recreation sites. Their job is to answer any questions visitors might have, save a drowning person, give a visitor a citation for littering, or they might be called to put out a fire or help a heart attack victim. Sometimes they just end up picking up litter or fixing things damaged by **vandalism**.

You as a visitor can help the rangers by practicing **safety** and **consideration**. When boating in the Columbia River remember to wear a **P.F.D. (personal flotation device)**. They come in

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many varieties including: **life jackets, rings** or cushions. Use your **seatbelt** while in your vehicle. Remember to check the **fishing regulations** before going fishing. Always carry a **first aid kit** when out on an **excursion**. Remember to put litter in its place. When you see someone violating the rules of safe and considerate conduct, please let a ranger know so a bad situation can be stopped before it becomes worse.

Why is recreation important? Why does it lead the participant to a sense of **fulfillment**, of improved mental and physical health? You might discuss this with your students and get their feelings on the subject. We hope when you come to Bonneville Dam you will have a good experience which will leave you and your students with an **appreciation** for the recreational opportunities and natural resources here. We hope this appreciation will help build a sense of **stewardship** toward all **natural resources**.

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## **Recreation Before Your Visit**

The following activities will introduce your students to the recreation opportunities available at Bonneville Dam and along the Columbia River. The emphasis is on safety and learning to be considerate of other people who might be recreating at the same place and time or who might recreate there in the future.

### **Activities**

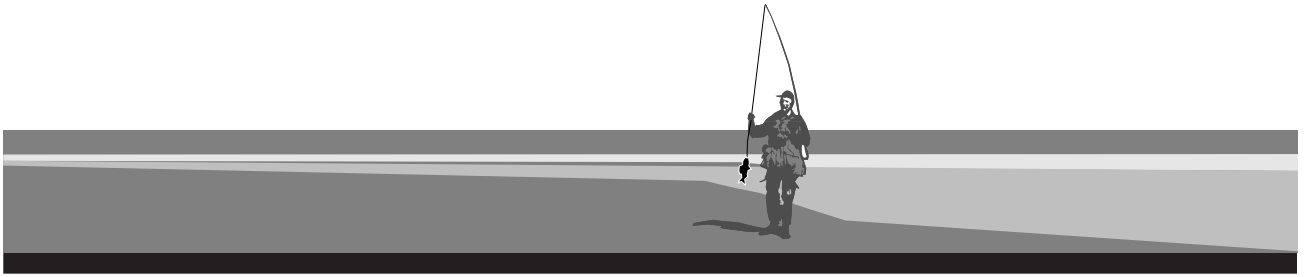
#### **Recreation Scramble:**

This activity involves the students in unscrambling phrases related to recreation. The answers are on the page following the activity. You will want to make a copy of the sheet for each student.

#### **Saving Sam:**

One of the recreation opportunities available in the Columbia River is swimming. This activity will have the students think about how to be safe while swimming and what can be done in an emergency involving a drowning person. If your students are not familiar with first aid techniques emphasize knowing where a phone is to call for help, knowing what number to call, (such as 911), and finding a ranger if an accident occurs. Also, students should never jump in the water themselves to save someone drowning. It could mean two or more people drown instead of one. (The American Red Cross will teach first aid classes to children age 13 and above.)





## Recreation Scramble

Recreation means to do something which provides relaxation and enjoyment. We want you to enjoy yourself when you come to Bonneville Dam. We also want you to have a safe visit.

Here are some enjoyable things you can do at Bonneville Dam. Circle your favorites!

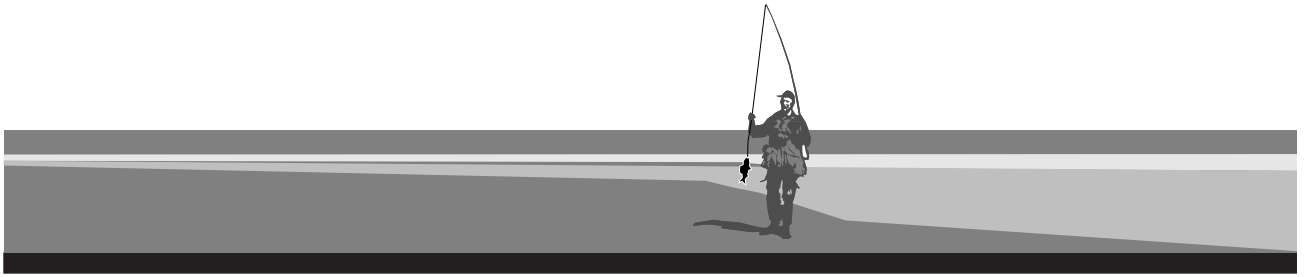
- See the powerhouse
- Look at the fish swimming in the fish ladder
- See a film
- Look at a boat going through the lock
- Visit the big sturgeon at the fish hatchery
- Have a picnic
- Go fishing

Here are some other things which some people do at Bonneville Dam. Unscramble the phrases and think about whether or not you would like to do that activity and the effects of your choice.

- 1 wear a life jacket (P.F.D. personal flotation device) or  
**orwdn fi rouy taob nikss**  
\_\_\_\_\_
- 2 keep your dogs on a leash or  
**etl oyru ogd nur onruda dan therbo lopepe nda milsana**  
\_\_\_\_\_
- 3 wear your seatbelt in your car in case of an accident or  
**etg jeinurd ni a rac cednatic**  
\_\_\_\_\_
- 4 carry your litter to a trash can or  
**veha a epinei ni a tidelret akrp**  
\_\_\_\_\_
- 5 keep the volume of your radio low enough so it doesn't bother anyone else or  
**veha ot sentil ot emsoneo lesse' ODUL sueim**  
\_\_\_\_\_
- 6 have a restroom to use when you need one or  
**nfid a rerosotm sod lee aeubsee fo dislamanv**  
\_\_\_\_\_
- 7 have beautiful old trees to have a picnic under or  
**yrosedt etres yb virgane uroy tilasini ni meht**  
\_\_\_\_\_







## Recreation Scramble

### Answers:

Here are some other things which some people do at Bonneville Dam. Unscramble the phrases and think about whether or not you would like to do that activity and the effects of your choice.

- 1 wear a life jacket (P.F.D. personal flotation device) *or*  
**drown if your boat sinks**
- 2 keep your dogs on a leash *or*  
**let your dog run around and bother people and animals**
- 3 wear your seatbelt in your car in case of an accident *or*  
**get injured in a car accident**
- 4 carry your litter to a trash can *or*  
**have a picnic in a littered park**
- 5 keep the volume of your radio low enough so it doesn't bother anyone else *or*  
**have to listen to someone else's LOUD music**
- 6 have a restroom to use when you need one *or*  
**find a restroom closed because of vandalism**
- 7 have beautiful old trees to have a picnic under *or*  
**destroy trees by carving your initials in them**



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## SAVING SAM

### How will you save Sam?

Write a story telling what you will use to save Sam and what you will do when you get him out of the water. Be sure to include in your story what things you have done to be sure you have a safe swim.





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# Recreation

## During Your Visit

The following activities will help your students record the great diversity of recreational activities available to them at Bonneville Dam and emphasize how to enjoy the recreation safely and considerately. While at Bonneville Dam, have your students practice these concepts.

## Activities

### On Your Way To The Dam:

As you travel to the dam, some of your students can keep a list of all of the recreational activities they see. When you return to the classroom, you could lead a discussion of how building a dam on a river can change the type of recreational opportunities.

### Have A Nice Time:

This activity will allow the students to record some of the recreational behavior they see while at Bonneville Dam. You might discuss the activities they see. What could have been done more safely or with more consideration for others and why. Why is recreation important? They will need pencils and a copy each of the activity.

### Recreation In Pantomime:

This activity should be conducted in a large area. It will give the students a chance to act out correct and incorrect recreational behavior.



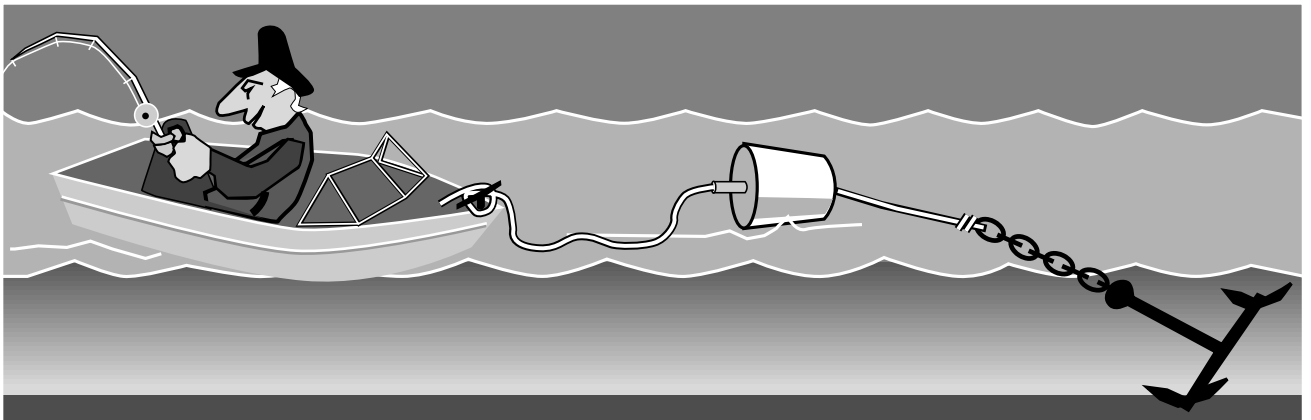
## Have A Nice Time

Recreation means to do something that provides relaxation and enjoyment. We want you to have a good time at Bonneville Dam.

Make a list of all of the recreation possibilities at (or near) Bonneville Dam. Write these beside the numbers in the column labeled “recreation”.

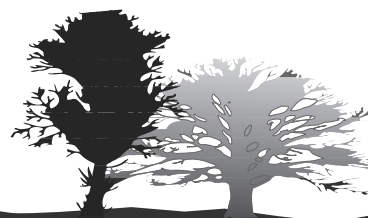
In the columns labeled “safety hazards?” and “safe solutions!”, write any hazards and ways of avoiding these hazards. See how many you can find!

Recreation	Safety Hazards?	Safe Solutions!
1. fishing	hooking someone in the eye while casting your line	look behind you before casting
2. _____	_____	_____
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____
6. _____	_____	_____
7. _____	_____	_____
8. _____	_____	_____









## Recreation In Pantomime

This game requires a lot of space. Find a large grassy area to conduct this activity. It can be played with partners or teams. One or a couple of team members are designated the pantomimists. These people are given the situation to pantomime for the others. The others have to guess what the person is pantomiming. The first team to guess what is being pantomimed, gets a point. If they can tell everyone what an appropriate solution to the situation might be, they can gain another point. The team with the most points at the end of the game wins.

Pantomimists change each situation so that all the students get a chance to pantomime and guess.

### Situations

A person getting into a car without putting on a seatbelt. They crash and are thrown headlong out the front window.

A person going water-skiing without a life jacket or P.F.D.

A person going boating without having first checked to be sure everything is in good working order.

A person going hiking without a water bottle and finding no water on the trail.

A person carving their name into a tree or picnic table.

A person with some unleashed dogs in a busy public area.

A person or people littering a swimming area and one stepping on a piece of broken glass.

A person or people going camping and realizing they have forgotten a flashlight.

A person riding a bike without wearing a helmet or having a first-aid kit in their backpack.

A person trying to get into a restroom and finding it has been locked due to vandalism.

Make up a few situations for the students to pantomime or have them make up some situations.



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## **Recreation After Your Visit**

These activities will not only reinforce the recreation concepts learned previously, but will also give the students an idea of what the people who work to provide these recreational opportunities do.

### **Activities**

#### **Ask A Ranger:**

Rangers are available to answer the public's questions. This activity has the students match the question with the rangers response

#### **Hidden Ranger Words:**

This word search activity will show what rangers do and how to identify them.



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## Ask A Ranger

This is your chance to pretend you are a ranger at a Corps of Engineers project. As a ranger, you will be asked many questions by people who come to recreate. Match the questions listed in the first column by writing the number of the question in front of the answers in the second column. There is only one answer for each question.

### Recreation Questions

- 1 What are some things rangers do here?
- 2 Why was a visitor center built at this dam?
- 3 What is a personal flotation device (P.F.D.)?
- 4 What are the most common accidents that occur here and how can we prevent them?
- 5 How can I show consideration for others when I recreate?
- 6 What are two good ways to help this camp ground stay clean?
- 7 Where can we have fun here?
- 8 What are some of the things that we can do around here?
- 9 What is a park interpreter or a park guide?
- 10 Why does the Corps of Engineers let us recreate here?

### Ranger's Responses

- \_\_\_\_\_ One of the Corps many responsibilities is providing for safe recreation.
- \_\_\_\_\_ Another name for a life vest.
- \_\_\_\_\_ Keep your dog on a leash and keep your stereo turned down low.
- \_\_\_\_\_ Almost anywhere! Especially in the visitor center and fish hatchery.
- \_\_\_\_\_ We answer questions and tell why the area is special.
- \_\_\_\_\_ Swimming, boating, hiking, wildlife watching, picnicking, and fishing!
- \_\_\_\_\_ Pick up litter and clean up after your pets.
- \_\_\_\_\_ We answer questions and help you in emergencies.
- \_\_\_\_\_ To tell the public what we are doing.
- \_\_\_\_\_ Car accidents and boating accidents are serious problems. You can help by wearing your seatbelt and your P.F.D.



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# Ask A Ranger

## Answers

### Recreation Questions

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## Hidden Ranger Words

Here's a "word search" activity that tells you some of the activities rangers at Bonneville Dam do during the day. GOOD LUCK! If you find all the words, a secret message will be left behind.

E	H	C	R	E	S	C	U	E	S	M	L	I	F
N	A	I	E	T	H	W	I	L	D	L	I	F	E
V	T	L	S	A	F	E	T	Y	P	I	L	O	T
I	E	B	O	A	T	R	A	F	I	S	H	R	O
R	N	U	U	P	A	N	G	I	E	R	E	E	U
O	O	P	R	A	N	G	E	T	I	S	L	S	R
N	I	S	C	T	K	C	A	S	T	M	P	T	E
M	T	H	E	R	E	A	M	T	A	R	M	Y	C
E	C	O	B	O	R	R	B	A	L	O	Y	O	R
N	E	W	A	L	K	S	U	I	K	F	I	R	E
T	T	A	D	U	T	Y	L	D	S	N	U	R	A
F	O	T	G	R	I	C	A	M	P	I	N	G	T
S	R	E	E	N	I	G	N	E	P	A	R	K	I
S	P	R	O	C	E	N	C	D	R	A	D	I	O
I	N	T	E	R	P	R	E	T	A	T	I	O	N

The **BOLD** words below are hidden in the puzzle above. See if you can find them. They can be found up, down or backwards, but not diagonally. Some letters are used more than once. The words that go together in the sentences below won't necessarily be found together in the puzzle. Once you have found the words, black them out. The remaining letters will spell out a special message.

This is all about the **ARMY CORPS OF ENGINEERS PARK RANGERS**. You will see them around the project as they go about their duties. They are the ones in the uniform with the white shoulder patch, gold **BADGE**, flat **HAT**, and usually carrying a two-way **RADIO**.

One **DUTY** of theirs is to provide for the **PROTECTION** of the **ENVIRONMENT**. This

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includes the **FOREST** and the **WILDLIFE**, as well as the **WATER** and the **FISH**. Each of these is a natural **RESOURCE**. The rangers are also responsible for the **SAFETY** of the **PUBLIC**. This requires that they be able to operate the **FIRE** engine and a water **TANKER**, and to use a **PATROL CAR**. They must be able to **PILOT** a **RESCUE BOAT**, and be able to call an **AMBULANCE**. They must know how to give **FIRST AID** or any other kind of **HELP** necessary. This includes being able to **INFORM** the visitors of places to go **CAMPING**, boating or many other forms of **RECREATION**.

The rangers are also involved in **INTERPRETATION** of the project. They may be called upon to give **WALKS**, **TALKS**, and **SHOW FILMS**. They would be happy to arrange a special **TOUR** upon request. All in all, the rangers are kept busy, but they like it that way.

# Hidden Ranger Words

## Answers

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E	H	C	R	E	S	C	U	E	S	M	L	I	F
N	A	I	E	T	H	W	I	L	D	L	I	F	E
V	T	L	S	A	F	E	T	Y	P	I	L	O	T
I	E	B	O	A	T	R	A	F	I	S	H	R	O
R	N	U	U	P	A	N	G	I	E	R	E	E	U
O	O	P	R	A	N	G	E	R	I	S	L	S	R
N	I	S	C	T	K	C	A	S	T	M	P	T	E
M	T	H	E	R	E	A	M	T	A	R	M	Y	C
E	C	O	B	O	R	R	B	A	L	O	Y	O	R
N	E	W	A	L	K	S	U	I	K	F	I	R	E
T	T	A	D	U	T	Y	L	D	S	N	U	R	A
F	O	T	G	R	I	C	A	M	P	I	N	G	T
S	R	E	E	N	I	G	N	E	P	A	R	K	I
S	P	R	O	C	E	N	C	D	R	A	D	I	O
I	N	T	E	R	P	R	E	T	A	T	I	O	N

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